

NOTES ON BASE

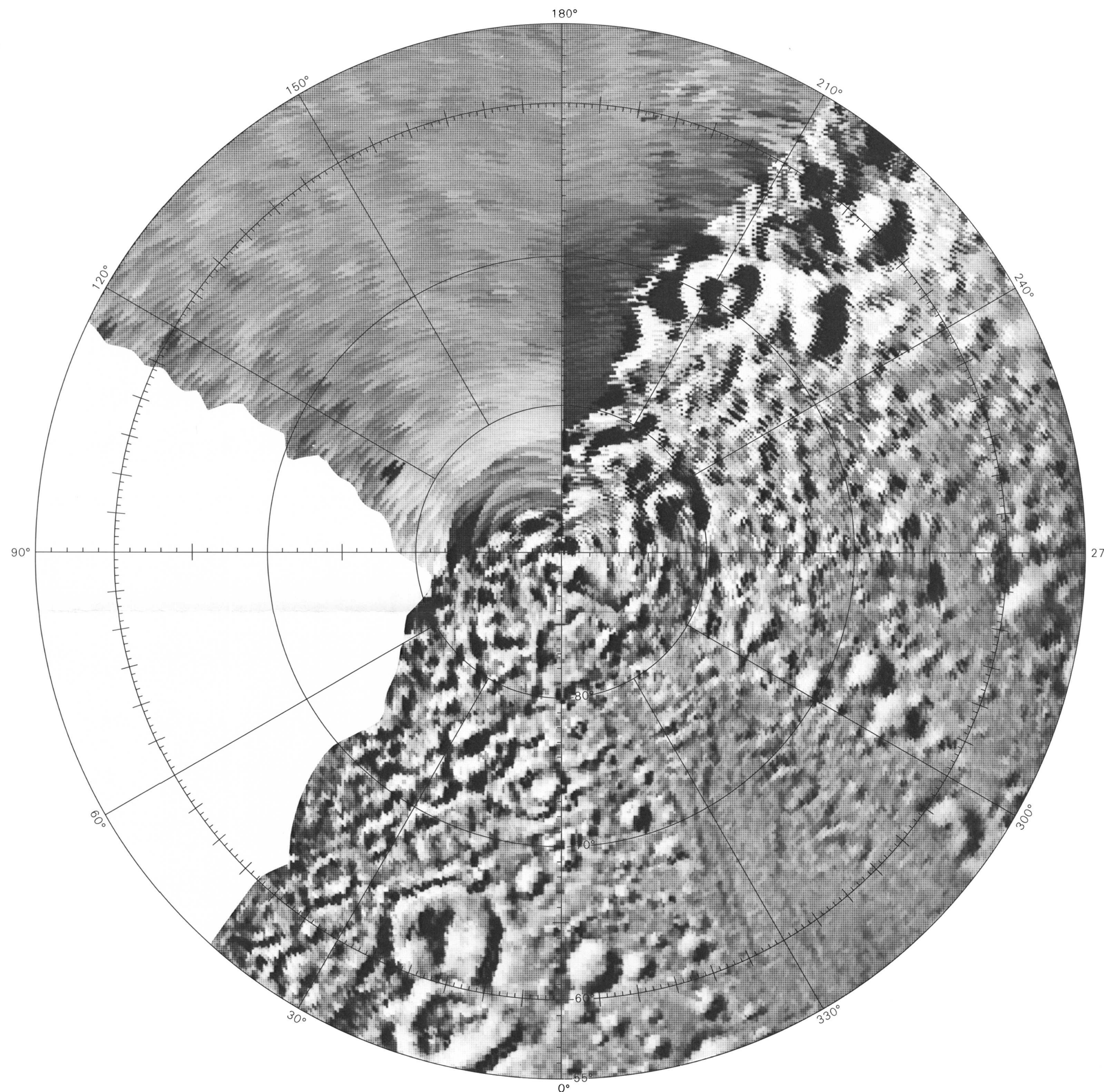
This map was compiled from Voyager 1 and 2 images of Enceladus. The Polar Stereographic and Mercator projections are based on a sphere with a diameter of 498 km. The projections have a common scale of 1:1,118,400 at lat 56° N. Longitude increases to the west in accordance with astronomical convention. Meridians are numbered so that the reference crater, Sali, is centered on lat 5.9° S, long 5.0° (Davies and others, 1989). Other information regarding Saturnian satellite mapping was given by Batson and others (1984).
Digital mosaics were assembled at a digital scale of 1/4" (1.1 km) per pixel according to methods described by Batson (1987) and Edwards (1987), and they were transformed to the projections described above.
Digital processing and mosaicking were done by Ella M. Lee.

NOMENCLATURE

Se 2M 1CM: Abbreviation for Saturn, Enceladus (satellite); 1:2,000,000 series; first edition; controlled photomosaic (CM).

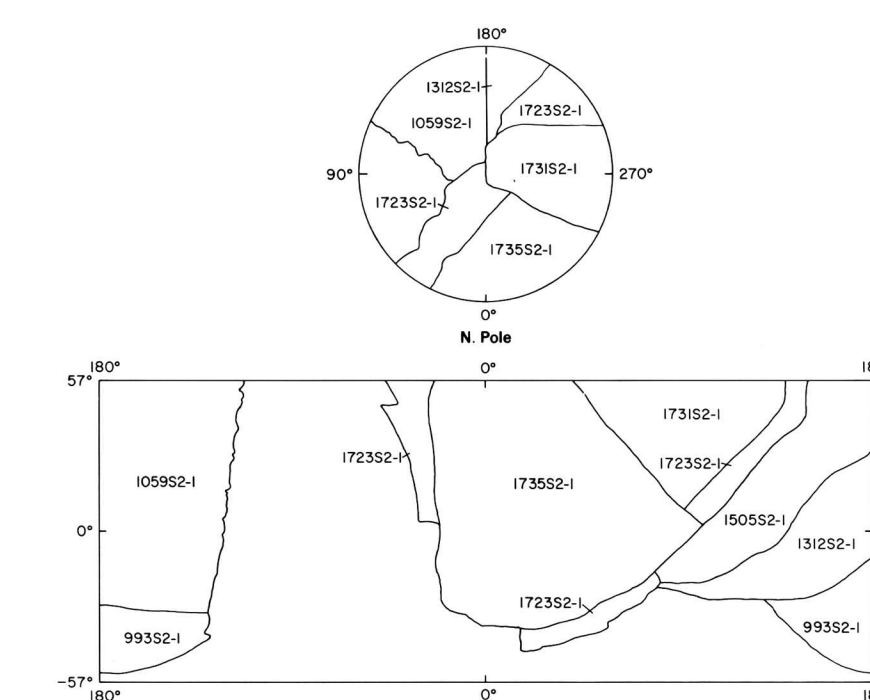
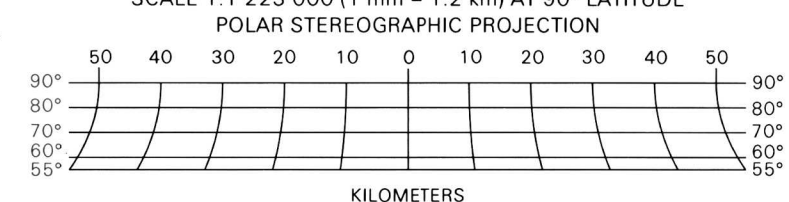
REFERENCES

Batson, R.M., 1987, Digital cartography of the planets: New methods, its status, and its future: Photogrammetric Engineering and Remote Sensing, v. 53, no. 9, p. 1211-1218.
Batson, R.M., Bridges, P.M., Inge, J.L., Lee, E.M., Masursky, Harold, Mullins, K.F., Skiff, B.A., and Strobel, M.E., 1984, Voyager 1 and 2 atlas of six Saturnian satellites: National Aeronautics and Space Administration, Special Publication 474, 175 p.
Davies, M.E., Abalakin, V.K., Bursa, M., Hunt, G.E., Lieske, J.H., Morando, B., Rao, R.H., Seidelman, P.K., Sinclair, A.T., and Tytlin, Yu.S., 1989, Report of the IAU/AGU/COSPAR Working Group on Cartographic Coordinates and Rotational Elements of the Planets and Satellites, 1988: Celestial Mechanics and Dynamical Astronomy, v. 46, p. 187-204.
Edwards, Kathleen, 1987, Geometric processing of digital images of the planets: Photogrammetric Engineering and Remote Sensing, v. 53, no. 9, p. 1219-1222.



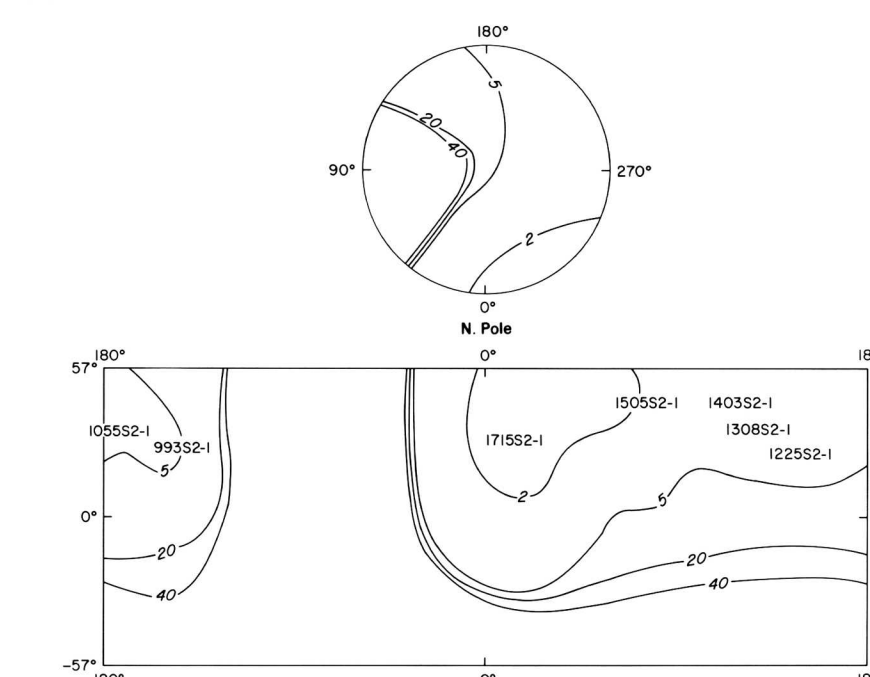
NORTH POLAR REGION

SCALE 1:1 223 000 (1 mm = 1.2 km) AT 90° LATITUDE

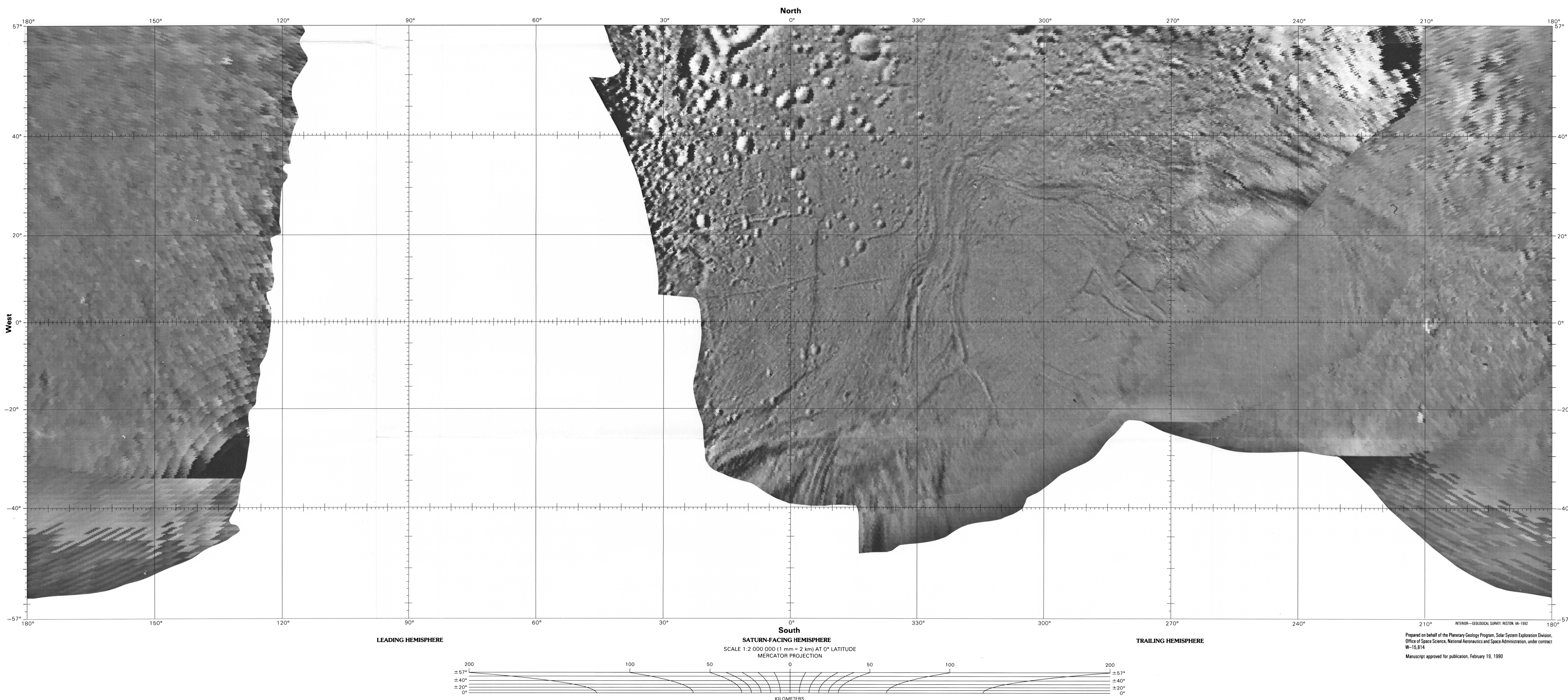


INDEX OF VOYAGER 1 AND 2 IMAGES

The mosaic was made from the Voyager 1 and 2 images outlined above. Copies of various enhancements of these images are available from National Space Science Data Center, Code 601, Goddard Space Flight Center, Greenbelt, MD 20771.



INDEX MAP OF NOMINAL IMAGE RESOLUTION
Picture numbers indicate the sub-spacecraft point at the time the image was acquired. Contour lines indicate the approximate resolution of available images expressed as kilometers per picture element.



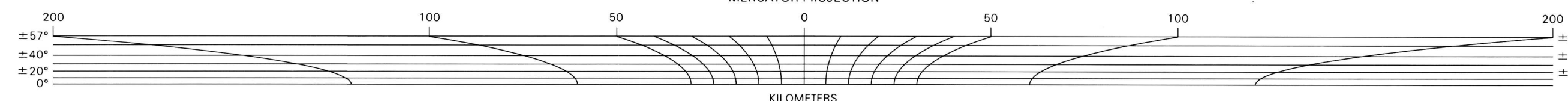
LEADING HEMISPHERE

SATURN-FACING HEMISPHERE

TRAILING HEMISPHERE

SCALE 1:2 000 000 (1 mm = 2 km) AT 0° LATITUDE

MERCATOR PROJECTION



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